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**U.S. GEOLOGICAL SURVEY LIBRARY  
FIELD RECORDS COLLECTION  
DENVER, COLORADO**

**GEORGE OTIS SMITH**  
(1871 - 1944)

NOTES, CORRESPONDENCE, PAPERS

1896 - 1933

(2.0 linear ft. and 1 map folder)

George Otis Smith was born in Hodgdon, Maine, in 1871. He earned an undergraduate degree from Colby College in 1893 and a Ph.D. from Johns Hopkins University in 1896. Smith joined the USGS in 1896 and quickly rose to positions as supervisor of investigations in New England (1905) and chief of the Section of Petrology (1906). In 1907 he was appointed director of the agency, a post he held until he was named chairman of the Federal Power Commission in 1930. Smith was a strong proponent of the practical aspects of the geologic discipline and worked to make the USGS operate in the interests of industry, education, and science.

INVENTORY

By

Carol A. Edwards and Clay M. Martin  
U.S. Geological Survey Field Records Collection  
MS 914, Box 25046, Federal Center  
Denver, CO 80225-0046  
May 1999/May 2011

Location of Field Notebooks: CS-5: 6

## **GEOLOGIC RECONNAISSANCE OF MOUNT RAINIER, WASHINGTON. 1896.**

| <u>Item<br/>Number</u> | <u>Description</u>  |
|------------------------|---|
| NO-12026               | G.O. Smith. Field notebook with geologic notes and sketches related to field investigation of the northern and eastern slopes of Mount Rainier. Original designation: GOS-5. Samples 201-223. July 22-30, 1896. |

Published as: U.S. Geological Survey. Eighteenth annual report. 1898.

## **GEOLOGY AND MINING INDUSTRY OF THE TINTIC MINING DISTRICT, UTAH. 1897.**

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|----------|---|
| NO-12027 | G.O. Smith. Field notebook with 11 pages of geologic notes and sketches related to field investigation of the Tintic District. Original designation: GOS-43. November 17-19, 1897.          |
| NO-12028 | G.O. Smith. Field notebook with geologic notes and sketches related to field investigation of the Tintic District. July 7-November 16, 1897.  |
| NO-12029 | G.O. Smith. Field notebook with eight pages of pasted-in, hand-drawn topographic sketch maps of the Tintic District with annotations related to geology and mining in the area. 1897.       |
| NO-12030 | G.O. Smith. Field notebook with nine pages of pasted-in sections of a preliminary version of the USGS Tintic Special Map, with annotations related to geology and mining in the area. 1897. |

Published as: U.S. Geological Survey. Nineteenth annual report. 1899.

Published as: U.S. Geological Survey. Geologic atlas of the United States. Folio 65. 1900.

## **GEOLOGY OF THE MOUNT STUART 30' QUADRANGLE, WASHINGTON. 1898-1899.**

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|----------|--|
| NO-12031 | G.O. Smith. Field notebook with geologic notes and sketches related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-6. July 14-September 16, 1898. |
| NO-12032 | G.O. Smith. Field notebook with geologic notes and sketches related to field   |

investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-7. September 22-October 13, 1898. Also included are one page of notes from October 4, 1899 and loose sheet with map of Gold Leaf group of mines.

- NO-12033 G.O. Smith. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-8. July 14-September 25, 1898.
- NO-12034 G.O. Smith and B. Willis. Field notebook with geologic notes and sketches related to field investigations in the Mount Stuart 30' quadrangle. Original designation: W-24. September 10-October 10, 1898.
- NO-12035 G.O. Smith. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-9. June 17-July 25, 1899.
- NO-12036 G.O. Smith and G.C. Curtis. Field notebook with geologic notes and sketches related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-10. July-September, 1898.
- NO-12037 G.O. Smith and G.C. Curtis. Field notebook with geologic notes and sketches related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-11. October 6-13, 1898.
- NO-12038 G.O. Smith and G.C. Curtis. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-12. July 26-August 3, 1898.
- NO-12039 G.O. Smith and W.C. Mendenhall. Field notebook with geologic notes and sketches related to field investigations in the Mount Stuart 30' quadrangle. Original designation: GOS-23. June 27-August 5, 1899. Note: this notebook also contains material related to 1899 field work in the Snoqualmie 30' quadrangle.

Published as: U.S. Geological Survey. Geologic atlas of the United States. Folio 106. 1904.

## **GEOLOGY OF THE SNOQUALMIE QUADRANGLE, WASHINGTON. 1899-1902.**

- NO-12039 G.O. Smith and W.C. Mendenhall. Field notebook with geologic notes and sketches related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-23. June 27-August 5, 1899. Note: this notebook also contains material related to 1899 field work in the Mount Stuart 30' quadrangle.
- NO-12040 Expandable envelope with two folders:  
- Folder 1. G.O. Smith. Field notebook with geologic notes and sketches and

photographs related to field investigations in the Snoqualmie 30' quadrangle.  
Original designation: GOS-15. July 26-September 28, 1899.

- Folder 2. Three sheets with carbon copies of correspondence between John A. Shoudy and B.F. Bush regarding the Tamm Creek Coal Field near Ellensburg, Washington. September 10, 1899.

- NO-12041 G.O. Smith. Field notebook with geologic notes and sketches and photographs related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-16. July 14-September 24, 1902.
- NO-12042 G.O. Smith and F.C. Calkins. Field notebook with geologic notes and sketches and photographs related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-17. July 13-August 5, 1902.
- NO-12043 G.O. Smith and F.C. Calkins. Field notebook with geologic notes and sketches and photographs related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-18. August 6-September 8, 1902.
- NO-12044 G.O. Smith and F.C. Calkins. Field notebook with geologic notes and sketches and photographs related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-19. September 9-October 1, 1902.
- NO-12045 G.O. Smith and D.F. McDonald. Field notebook with geologic notes and sketches related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-20. July 17-September 29, 1902.
- NO-12046 G.O. Smith and E.P. Carey. Field notebook with geologic notes related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-21. July 14-September 4, 1902.
- NO-12047 G.O. Smith and E.P. Carey. Field notebook with geologic notes related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-22. September 5-29, 1902.
- NO-12048 G.O. Smith and W.C. Mendenhall. Field notebook with geologic notes and sketches related to field investigations in the Snoqualmie 30' quadrangle. Original designation: GOS-24. August 17-September 29, 1899.
- NO-12063 G.O. Smith and B. Willis. Field notebook with geologic notes and sketches and photographic data related to field investigations in the Snoqualmie 30' quadrangle. Also included are eight pages of pasted-in sections of a preliminary version of the Snoqualmie 30' quadrangle, with annotations. August-October, 1899.
- MA-03096 Expandable envelope with 17 items:  
- Five enlarged reproductions of the Snoqualmie 30' quadrangle, sectioned

and mounted into north and south halves, with annotations. Four of the sets served as field maps for 1899 investigations by F.C. Calkins, D.F. McDonald, W.C. Mendenhall, and G.O. Smith. The fifth set served as G.O. Smith's 1902 field map.

- Enlarged reproduction of the Snoqualmie 30' quadrangle, sectioned into north and south halves, with annotations.
- Four reproductions of the Snoqualmie 30' quadrangle, with annotations.
- Reproduction of the northwest quarter of the Snoqualmie 30' quadrangle, with annotations.

Published as: U.S. Geological Survey. Geologic atlas of the United States. Folio 139. 1906.

### **GEOLOGY OF THE WATERVILLE-CHELAN ROCKS AREA, WASHINGTON. 1900.**

NO-12050 G.O. Smith and B. Willis. Field notebook with four pages of geologic notes related to field investigations in the Waterville 30' quadrangle. Heading on first page reads "Review of observations of August 21st, 22nd, 23rd, and 24th, Wenatchee to the mouth of Navarre Coulee". Also included is an annotated topographic map of the Cascade Range in north-central Washington. Original designation: W-25. 1900.

Published as: U.S. Geological Survey. Professional paper 19. 1903.

### **GEOLOGY OF THE ELLENSBURG QUADRANGLE, WASHINGTON. 1900.**

NO-12051 G.O. Smith. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-30. May 28-June 30, 1900.

NO-12052 G.O. Smith. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-31. July 2-August 14, 1900.

NO-12053 G.O. Smith and F.C. Calkins. Field notebook with geologic notes and sketches related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-32. May 28-June 16, 1900.

NO-12054 G.O. Smith and F.C. Calkins. Field notebook with geologic notes and sketches related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-33. June 18-30, 1900.

NO-12055 G.O. Smith and F.C. Calkins. Field notebook with geologic notes, sketches, and

photographs related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-34. July 2-14, 1900.

NO-12056 G.O. Smith and F.C. Calkins. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-35. July 14-August 1, 1900.

NO-12057 G.O. Smith and F.C. Calkins. Field notebook with geologic notes and sketches related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-36. August 1-10, 1900.

NO-12058 G.O. Smith and C.A. Rudy. Field notebook with geologic notes, sketches, and photographs related to field investigations in the Ellensburg 30' quadrangle. Original designation: GOS-37. June 5-July 28, 1900.

Published as: U.S. Geological Survey. Geologic atlas of the United States. Folio 86. 1903.

### **GEOLOGIC RECONNAISSANCE ACROSS THE CASCADE RANGE NEAR THE FORTY-NINTH PARALLEL. 1901.**

NO-12059 G.O. Smith. Field notebook with geologic notes and sketches related to field investigations in the Cascade Range. Original designation: GOS-25. June 26-September 8, 1901. Note: See related notebooks NO-10545, NO-10546, and NO-10547 in F.C. Calkins collection.

NO-12060 G.O. Smith. Field notebook with geologic notes and sketches related to field investigations in the Cascade Range. Original designation: GOS-26. September 16-October 5, 1901. Note: See related notebooks NO-10545, NO-10546, and NO-10547 in F.C. Calkins collection.

Published as: U.S. Geological Survey. Bulletin 235. 1904.

### **TEXT OF SPEECHES AND PRESENTATIONS DELIVERED BY GEORGE OTIS SMITH. 1895-1933.**

NO-08712 Expandable envelope with texts of speeches and presentations given by George Otis Smith while a graduate student at Johns Hopkins University (circa 1895), Director of the U.S. Geological Survey (1907-1930), and Chairman of the Federal Power Commission (1930- 1933). Also included is a newspaper article written by Smith. Subjects include:

- "A Classification of Iron Ores", prepared for a student lecture at Johns Hopkins University, January 26, 1895.
- "Plain Talk", American Mining Congress, October 22, 1913.
- "The Disposition of Natural Resources", American Institute of Mining

- Engineers, February 1914.
- "The Classification of Public Lands", American Institute of Mining Engineers, February 1914.
  - "The United States Geological Survey and Its Relation to the United States Coast and Geodetic Survey", Centennial Celebration of the United States Coast and Geodetic Survey, April 5, 1916.
  - "Best Use of America's Coal", American Wholesale Coal Association, June 4, 1919.
  - "Our Industry's Part", Mining Congress, November 18, 1919.
  - "The Future of Natural Gas", Natural Gas Conference, January 15, 1920.
  - "Fluctuations in Coal Production—Their Extent and Causes", American Institute of Mining and Metallurgical Engineers, February 17, 1920.
  - "The Way to the Sea. Gateway to the Continent", International Joint Commission, New York Hearing, October 20, 1920.
  - "What the Coal Business Means to Us", Indiana Retail Coal Merchants Association, May 6, 1921.
  - "The Real Value of Oil", New York State Oil Producers Association, September 21, 1921.
  - "Some Items in a Prosperity Program", American Mining Congress, October 19, 1921.
  - "A Spendthrift Industry", Coal Mining Institute of America, December 7, 1921.
  - "The Broken Year and How to Mend It", National Conference of Social Work, Division of Industrial and Economic Problems, June 26, 1922.
  - "The Recommendations of the United States Coal Commission", Academy of Political Science, November 20, 1923.
  - "Foundations of Industry", Providence (Rhode Island) Engineering Society, February 5, 1924.
  - Speech given at the New York Alumni Colby Dinner, February 15, 1924.
  - "Why Superpower and Why Not?", Economic Club (Portland, Maine), March 8, 1924.
  - "Planning for Power", Massachusetts State Chamber of Commerce, May 21, 1924.
  - "Our Energy Resources", General Federal of Women's Clubs, June 2, 1926.
  - Speech given at the Engineering Council of Utah, August 31, 1925.
  - "Heat-rich Areas of the United States", American Society of Mechanical Engineers, November 12, 1925.
  - "Uncle Sam as Landlord", Maine State Society of New York, December 10, 1925.
  - "What Price Distance", International Railway Fuel Association, May 10, 1927.
  - "Canada—Its Natural Wealth", Canadian Institute of Mining and Metallurgy, March 9, 1928.
  - "Your Future", commencement address, Colorado School of Mines, May 18, 1928.
  - "America in High", commencement address, Colby College, June 18, 1928.

- "Brakes for the Mineral Industry", Section of Mineral Law, American Bar Association, July 24, 1928.
- "International Engineering", address at the banquet given by the American Committee to the Japanese and other delegations at the World Engineering Congress, Tokyo, October 3 1, 1929.
- "The University and Natural Resources", University of Arizona, April 24, 1930.
- "Our Power Problems", speech at the National Radio Forum, October 3, 1932.
- John Fritz Medal Presentation to D.C. Jackling, April 20, 1933.
- Photocopy of newspaper article entitled "Federal and State Funds Jointly Expended for Topographic Mapping by Geological Survey" in "The United States Daily", June, 28, 1928.

**ELEVATION DETERMINATIONS FOR THE STATE OF WASHINGTON.  
NO DATE.**

- NO-12061      Field notebook adapted to serve as elevation reference for the state of Washington by the inclusion of mounted pages of data removed from the 18th, 19th, and 20th annual reports of the USGS. Original designation: GOS-13. No date.
- NO-12062      Field notebook adapted to serve as elevation reference for the state of Washington by the inclusion of mounted pages of data removed from the 21st annual report of the USGS and from USGS Bulletin 185. Original designation: GOS-14. No date.